International application No.

PCT/NO 03/00254

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F25D 17/02, A23B 4/06, A23L 3/36
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A23B, A23L, F25D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0480553 A1 (TECHNICAN COMPANY LTD), 15 April 1992 (15.04.92), page 4, line 49 - page 5, line 52, figures 1-11	1,11,161,7
Y	US 4051690 A (DOUST), 4 October 1977 (04.10.77), column 2, line 35 - column 3, line 44	1,11,16,17
		•
Y.	US 6301904 B1 (GOLDSTEIN), 16 October 2001 (16.10.01), whole document	1,11,16,17
· .		
Υ	WO 02077549 A2 (SKAGINN HF.), 3 October 2002 (03.10.02), page 7 - page 16, figures 1-3	1,11,16,17
)	1 ·	1

X	Further documents are listed in the continuation of Box	c C.	X See patent family annex.		
*	Special categories of cited documents:	"T"	later document published after the international filing date or priority		
"A"	document defining the general state of the art which is not considered to be of particular relevance	_	date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
"E"	earlier application or patent but published on or after the international filing date	."X"	document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive		
"L"	document which may throw doubts on priority claim(s) or which is		step when the document is taken alone		
	cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance: the claimed invention cannot be		
"O"	document referring to an oral disclosure, use, exhibition or other means		considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art		
"P"	document published prior to the international filing date but later than				
	the priority date claimed		document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report			
	·		2 3 -12- 2003		
_22 December 2003					
Name and mailing address of the ISA/		Authorized officer			

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Swedish Patent Office

International application No. PCT/NO 03/00254

ategory*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
1	GB 1481537 A (DAVID JOHN DOUST), 3 August 1977 (03.08.77), page 2, line 87 - page 4, line 102, figures 1-11	1,11,16,17
Y .	FR 2544179 A1 (LASSERRE ANDRE), 19 October 1984 (19.10.84), page 1, line 26 - page 2, line 24; page 4, line 2 - page 6, figures 1-7	1
γ .	 FR 2562217 A1 (MOREL ALBERT), 4 October 1985	1
	(04.10.85), whole document	
A .	EP 0320026 A1 (SUNWELL ENGINEERING COMPANY LIMITED), 14 June 1989 (14.06.89), column 2, line 34 - column 4, line 37, figures 1-3	1-17
A	WO 9404879 A1 (RONNEBERG, ASBJORN), 3 March 1994 (03.03.94), whole document	1-17
•		
•		

Information on patent family members

31/10/03

International application No.
PCT/NO 03/00254

	nt document n search report		Publication date		tent family member(s)	Publication date
EP	0480553	A1	15/04/92	SE AT AU CA DE DK JP JP JP US US	0480553 T3 129856 T 620270 A,B 2034680 A,C 69114439 D,T 480553 T 2011591 C 4121178 A 7028710 B 5165256 A 5222367 A	15/11/95 13/02/92 11/03/92 18/04/96 11/12/95 02/02/96 22/04/92 05/04/95 24/11/92 29/06/93
US	4051690	A	04/10/77	CA GB	1029973 A 1520737 A	25/04/78 09/08/78
US	6301904	B1	16/10/01	NONE		
WO	02077549	A2	03/10/02	NONE		
GB	1481537	Α	03/08/77	CA	1028516 A	28/03/78
FR	2544179	A1	19/10/84	NONE		
FR	2562217	A1	04/10/85	NONE		
EP	0320026	A1	14/06/89	AT AU CA CN DE EP SE ES JP JP KR NO NO US WO ZA	86437 T 2074088 A 1286888 A,C 1036181 A 1051741 B 3879219 A,T 0382730 A,B 0382730 T3 2045086 T 2617126 B 3502757 T 9608831 B 173113 B,C 900243 A 4936102 A 8900382 A 8805265 A	15/03/93 13/02/89 30/07/91 11/10/89 26/04/00 15/04/93 22/08/90 16/01/94 04/06/97 27/06/91 05/07/96 19/07/93 05/03/90 26/06/90 26/01/89 28/06/89

Information on patent family members

31/10/03

International application No.

PCT/NO 03/00254

Patent document cited in search report			Publication date	Patent family member(s)		· Publication date
WO	9404879	A1	03/03/94	AU CA DK EP SE NO NO	4985393 A 2142311 A 657016 T 0657016 A,B 0657016 T3 179566 B,C 923173 A 950451 A	15/03/94 03/03/94 06/10/97 14/06/95 22/07/96 14/02/94 13/02/95

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